

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/237,981

DATE: 03/17/2000
TIME: 17:09:35

INPUT SET: S35075.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

1
2
3 (1) General Information:
4
5 (i) APPLICANT: Quertermous, Thomas
6 Hogan, Brigid
7 Snodgrass, H. Ralph
8 Zupancic, Thomas J.
9
10 (ii) TITLE OF INVENTION: DEVELOPMENTALLY-REGULATED ENDOTHELIAL
11 CELL LOCUS-1
12
13 (iii) NUMBER OF SEQUENCES: 29
14
15 (iv) CORRESPONDENCE ADDRESS:
16 (A) ADDRESSEE: Pennie & Edmonds LLP
17 (B) STREET: 1155 Avenue of the Americas
18 (C) CITY: New York
19 (D) STATE: New York
20 (E) COUNTRY: United States
21 (F) ZIP: 10036-2711
22
23 (v) COMPUTER READABLE FORM:
24 (A) MEDIUM TYPE: Floppy disk
25 (B) COMPUTER: IBM PC compatible
26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
28
29 (vi) CURRENT APPLICATION DATA:
30 (A) APPLICATION NUMBER: 09/237,981
31 (B) FILING DATE:
32 (C) CLASSIFICATION:
33
34 (vii) PRIOR APPLICATION DATA:
35 (A) APPLICATION NUMBER: US/08/659,235
36 (B) FILING DATE: 05-JUN-1996
37
38 (viii) ATTORNEY/AGENT INFORMATION:
39 (A) NAME: Poissant, Brian M.
40 (B) REGISTRATION NUMBER: 28,462
41 (C) REFERENCE/DOCKET NUMBER: 8907-0034-999
42
43 (ix) TELECOMMUNICATION INFORMATION:
44 (A) TELEPHONE: (212) 790-9090
45 (B) TELEFAX: (212) 869-8864/9741
46 (C) TELEX: 66141 Pennie

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/237,981DATE: 03/17/2000
TIME: 17:09:35

INPUT SET: S35075.raw

47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 85 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Asp	Leu	Leu	Val	Pro	Thr	Lys	Val	Thr	Gly	Ile	Ile	Thr	Gln	Gly	Xaa
1				5					10					15	
Xaa	Ala	Lys	Asp	Phe	Gly	Asp	Val	Leu	Phe	Val	Gly	Ser	Tyr	Lys	Leu
			20					25					30		
Ala	Tyr	Ser	Asn	Asp	Gly	Glu	His	Trp	Met	Val	His	Gln	Asp	Glu	Lys
		35					40					45			
Gln	Arg	Lys	Asp	Lys	Val	Phe	Gln	Gly	Asn	Phe	Asp	Asn	Asp	Thr	His
	50					55					60				
Arg	Lys	Asn	Val	Ile	Asp	Pro	Pro	Ile	Tyr	Ala	Arg	Phe	Ile	Arg	Ile
65					70				75					80	
Leu	Pro	Leu	Xaa	Xaa											
				85											

(2) INFORMATION FOR SEQ ID NO:2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 85 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS:
- (D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Asp	Leu	Gly	Ser	Ser	Lys	Glu	Val	Thr	Gly	Ile	Ile	Thr	Gln	Gly	Xaa
1				5					10					15	

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/237,981DATE: 03/17/2000
TIME: 17:09:36

INPUT SET: S35075.raw

100 Xaa Ala Arg Asn Phe Gly Ser Val Gln Phe Val Ala Ser Tyr Lys Val
101 20 25 30
102
103 Ala Tyr Ser Asn Asp Ser Ala Asn Trp Thr Glu Tyr Gln Asp Pro Arg
104 35 40 45
105
106 Thr Gly Ser Ser Lys Val Phe Gln Gly Asn Leu Asp Asn Asn Ser His
107 50 55 60
108
109 Lys Lys Asn Ile Phe Glu Lys Pro Phe Met Ala Arg Tyr Val Arg Val
110 65 70 75 80
111
112 Leu Pro Val Xaa Xaa
113 85
114

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 85 amino acids
(B) TYPE: amino acid
(C) STRANDEDNESS:
(D) TOPOLOGY: unknown

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

130 Asp Leu Leu Lys Ile Lys Lys Ile Thr Ala Ile Ile Thr Gln Gly Xaa
131 1 5 10 15
132
133 Xaa Cys Lys Ser Leu Ser Ser Glu Met Tyr Val Lys Ser Tyr Thr Ile
134 20 25 30
135
136 His Tyr Ser Glu Gln Gly Val Glu Trp Lys Pro Tyr Arg Leu Lys Ser
137 35 40 45
138
139 Ser Met Val Asp Lys Ile Phe Glu Gly Asn Thr Asn Thr Lys Gly His
140 50 55 60
141
142 Val Lys Asn Phe Phe Asn Pro Pro Ile Ile Ser Arg Phe Ile Arg Val
143 65 70 75 80
144
145 Ile Pro Lys Xaa Xaa
146 85
147

(2) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 85 amino acids
(B) TYPE: amino acid

RAW SEQUENCE LISTING PATENT APPLICATION US/09/237,981

DATE: 03/17/2000
TIME: 17:09:36

INPUT SET: S35075.raw

```

153         (C) STRANDEDNESS:
154         (D) TOPOLOGY: unknown
155
156     (ii) MOLECULE TYPE: peptide
157
158
159
160
161     (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
162
163     Asp Leu Gln Lys Thr Met Lys Val Thr Gly Ile Ile Thr Gln Gly Xaa
164     1             5             10             15
165
166     Xaa Val Lys Ser Leu Phe Thr Ser Met Phe Val Lys Glu Phe Leu Ile
167             20             25             30
168
169     Ser Ser Ser Gln Asp Gly His His Trp Thr Xaa Xaa Gln Ile Leu Tyr
170             35             40             45
171
172     Asn Gly Lys Val Lys Val Phe Gln Gly Asn Gln Asp Ser Ser Thr Pro
173             50             55             60
174
175     Met Met Asn Ser Leu Asp Pro Pro Leu Leu Thr Arg Xaa Xaa Xaa Xaa
176     65             70             75             80
177
178     Xaa Xaa Xaa Xaa Xaa
179             85
180
181     (2) INFORMATION FOR SEQ ID NO:5:
182
183     (i) SEQUENCE CHARACTERISTICS:
184         (A) LENGTH: 85 amino acids
185         (B) TYPE: amino acid
186         (C) STRANDEDNESS:
187         (D) TOPOLOGY: unknown
188
189     (ii) MOLECULE TYPE: peptide
190
191
192
193
194     (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
195
196     Asp Leu Glu Asn Leu Arg Phe Val Ser Gly Ile Gly Thr Gln Gly Ala
197     1             5             10             15
198
199     Ile Ser Lys Glu Thr Lys Lys Lys Tyr Phe Val Lys Ser Tyr Lys Val
200             20             25             30
201
202     Asp Ile Ser Ser Asn Gly Glu Asp Trp Ile Xaa Xaa Thr Leu Lys Gly
203             35             40             45
204
205     Asp Asn Lys His Leu Val Phe Thr Gly Asn Thr Asp Ala Thr Asp Val

```

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/237,981DATE: 03/17/2000
TIME: 17:09:37

INPUT SET: S35075.raw

206 50 55 60
207
208 Val Tyr Arg Pro Phe Ser Lys Pro Val Ile Thr Arg Phe Val Arg Leu
209 65 70 75 80
210
211 Arg Pro Val Thr Trp
212 85
213

214 (2) INFORMATION FOR SEQ ID NO:6:

215
216 (i) SEQUENCE CHARACTERISTICS:
217 (A) LENGTH: 85 amino acids
218 (B) TYPE: amino acid
219 (C) STRANDEDNESS:
220 (D) TOPOLOGY: unknown
221

222 (ii) MOLECULE TYPE: peptide

223

224

225

226

227 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

228
229 Asp Leu Ala Glu Glu Lys Ile Val Arg Gly Val Ile Ile Gln Gly Xaa
230 1 5 10 15
231

232 Xaa Gly Lys His Lys Glu Asn Lys Val Phe Met Arg Lys Phe Lys Ile
233 20 25 30
234

235 Gly Tyr Ser Asn Asn Gly Thr Glu Trp Glu Met Ile Met Asp Ser Ser
236 35 40 45
237

238 Lys Asn Lys Pro Lys Thr Phe Glu Gly Asn Thr Asn Tyr Asp Thr Pro
239 50 55 60
240

241 Glu Leu Arg Thr Phe Xaa Ala His Ile Thr Thr Gly Phe Ile Arg Ile
242 65 70 75 80
243

244 Ile Pro Xaa Xaa Xaa
245 85
246

247 (2) INFORMATION FOR SEQ ID NO:7:

248

249 (i) SEQUENCE CHARACTERISTICS:
250 (A) LENGTH: 85 amino acids
251 (B) TYPE: amino acid
252 (C) STRANDEDNESS:
253 (D) TOPOLOGY: unknown
254

255 (ii) MOLECULE TYPE: peptide

256

257

258

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/237,981

DATE: 03/17/2000
TIME: 17:09:37

INPUT SET: S35075.raw

Line

Error

Original Text